



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Mining Engineering

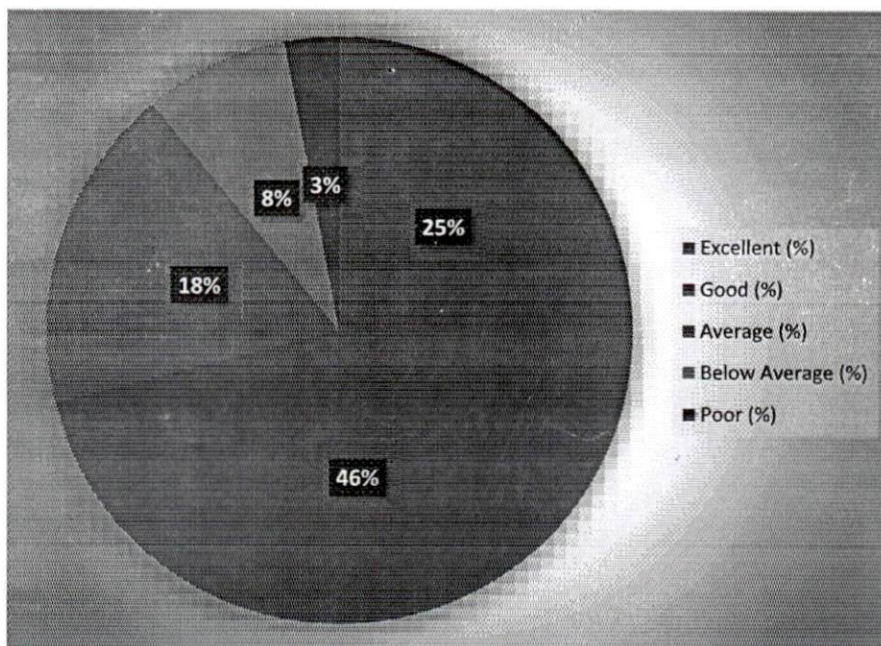
Employer Feedback on Curriculum

Employer Feedback Analysis (2018- 2019) for the B. Tech (Mining Engineering) Program.

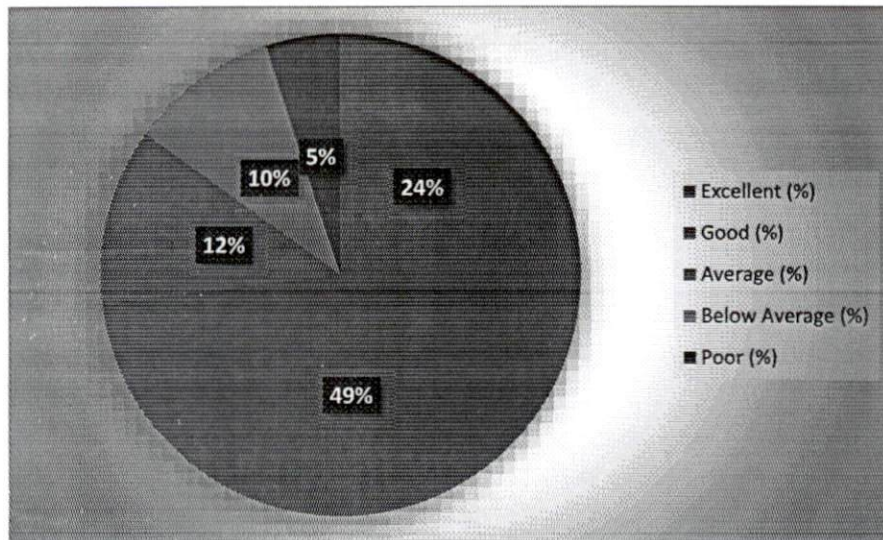
S. NO	Question related to Curriculum	Opinion of the Employer with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	46	18	8	3	Excellent & good	71%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	24	49	12	10	5	Excellent & good	73%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	20	47	22	7	4	Excellent & good	67%

Graphical representation of Employer feedback analysis

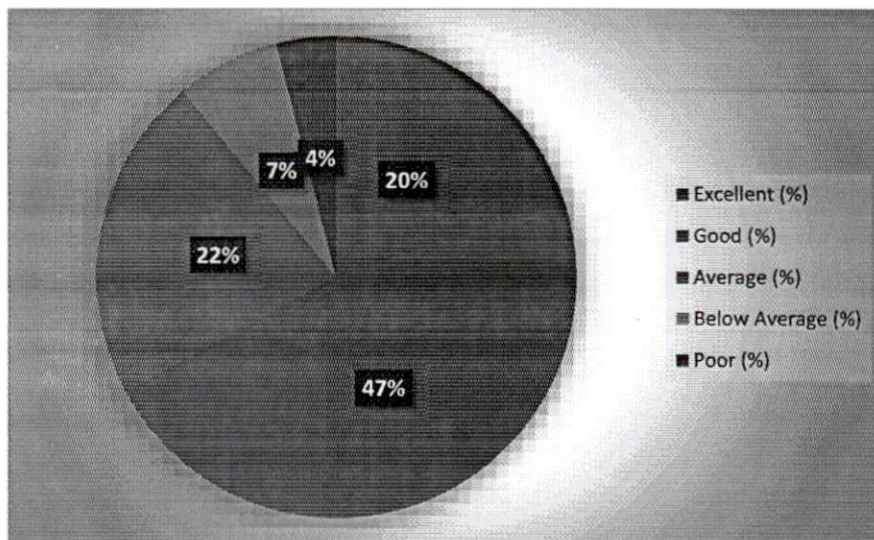
1. Curriculum is contemporary and need based



2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



3. The electives offered in the curriculum suits the industry needs and technological advancements.



Suggest any courses to be added to /removed from the curriculum

1. Advance Surveying Technology
2. Mineral Exploration
3. Mine Subsidence Engineering

Suggest the skills to be acquired by our students to meet the industry requirements


1. Mine surveying skills
2. About new technology in mining
3. Work management skills

Any other suggestions on Curriculum

1. Add practical subject that improve the communication skills
2. Subjects related to the mineral exploration
3. Suggested to add courses which help them in industry sector

The following are observations on Employer feedback and action need to be initiated:

1. Students are lacking in modern surveying tools in the mining field such as Total station surveying, GPS, etc
2. Mining students are lacking in basic communication skills only few students are good rest are need to be improve.
3. Mining students should have depth knowledge about different exploration techniques used for the mineral exploration.


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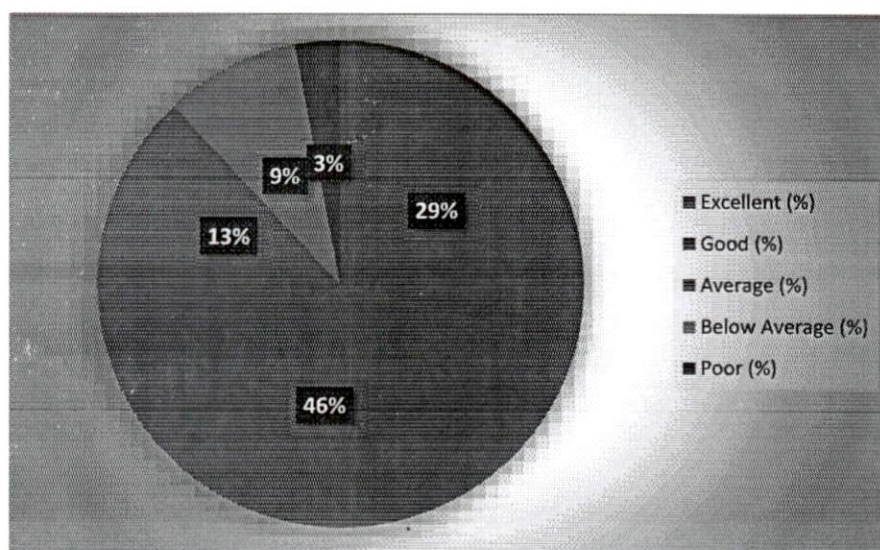
Alumni Feedback on Curriculum

Alumni Feedback Analysis (2018- 2019) for the B. Tech (Mining Engineering) Program.

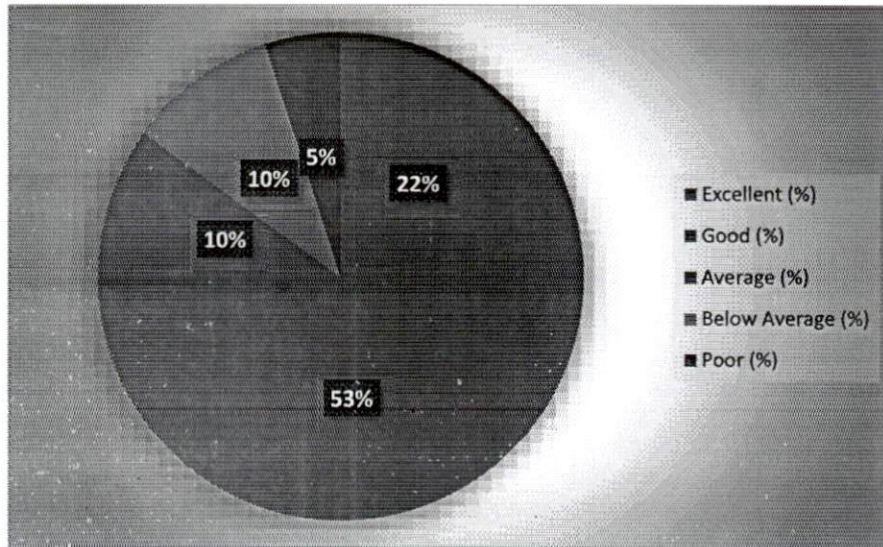
S. NO	Question related to Curriculum	Opinion of the Alumni with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	29	46	13	9	3	Excellent & good	75%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	22	53	10	10	5	Excellent & good	75%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	29	50	11	7	3	Excellent & good	79%

Graphical representation of Alumni feedback analysis

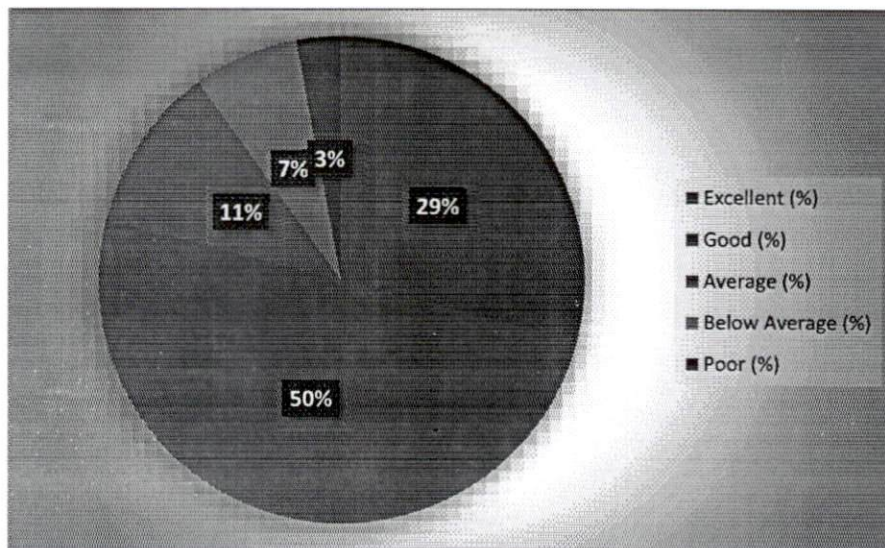
1. Curriculum is contemporary and need based



2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



3. The electives offered in the curriculum suits the industry needs and technological advancements.



Suggest any courses to be added to /removed from the curriculum

1. Mining Engineering Workshop
2. Maintenance and Reliability Engineering
3. Mine Subsidence Engineering.

Suggest any new topics/technologies/tools/modules to be learned by students to make them industry- ready


1. Skills in mine subsidence engineering
2. Skill in surveying
3. Skills in making the feasibility report of a mine

Give any other suggestions for improving the Curriculum

1. Latest surveying techniques.
2. Maintenance and Reliability Engineering
3. Modern mining techniques

The following are observations on Alumni feedback and action need to be initiated:

1. Mining students should be aware of mine subsidence engineering that will help them in different underground mines.
2. Students should possess knowledge in the feasibility report of a mine and should have the ability to calculate the loss and profit aspect of a mining project.
3. The Importance of surveying has drastically increase in the mining as lot of new techniques has been in used the surveying.


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Teacher Feedback on Curriculum

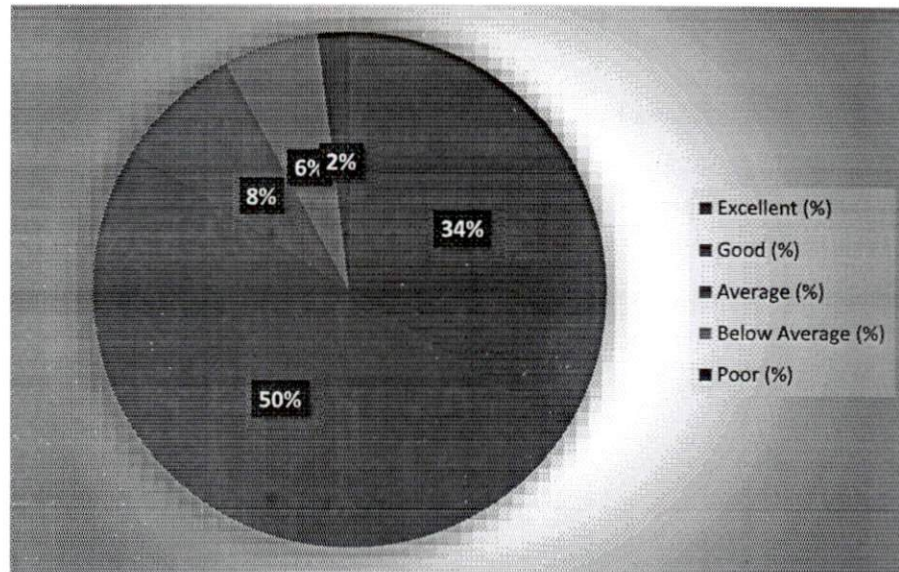
Teacher Feedback Analysis (2018- 2019) for the B. Tech (Mining Engineering) Program.

S. NO	Question related to Curriculum	Opinion of the Teacher with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	34	50	8	6	2	Excellent & good	84%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	52	9	5	2	Excellent & good	84%
3	Curriculum has good balance of Theory and Practical courses.	32	53	8	5	2	Excellent & good	85%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	31	54	7	5	3	Excellent & good	85%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	29	58	9	2	2	Excellent & good	87%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	28	57	10	3	2	Excellent & good	85%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	27	59	6	5	3	Excellent & good	86%

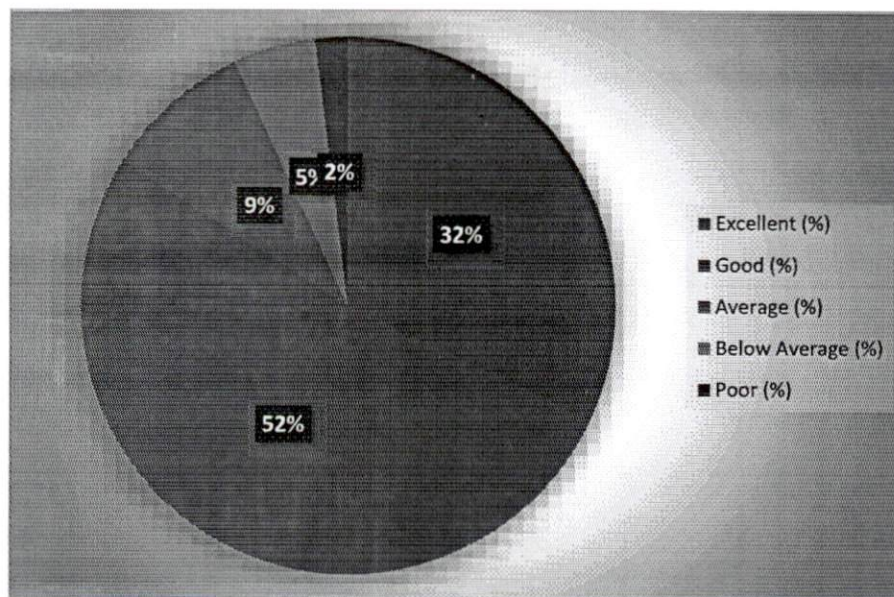
8	There is adequate emphasis on Communication Skills in the Curriculum	31	52	10	5	2	Excellent & good	83%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	29	56	11	2	2	Excellent & good	85%
10	The curriculum has sufficient number of electives.	34	50	8	6	2	Excellent & good	84%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	28	56	10	4	2	Excellent & good	84%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	33	53	6	5	3	Excellent & good	86%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	32	53	8	5	2	Excellent & good	85%

Graphical representation of Teacher feedback on curriculum

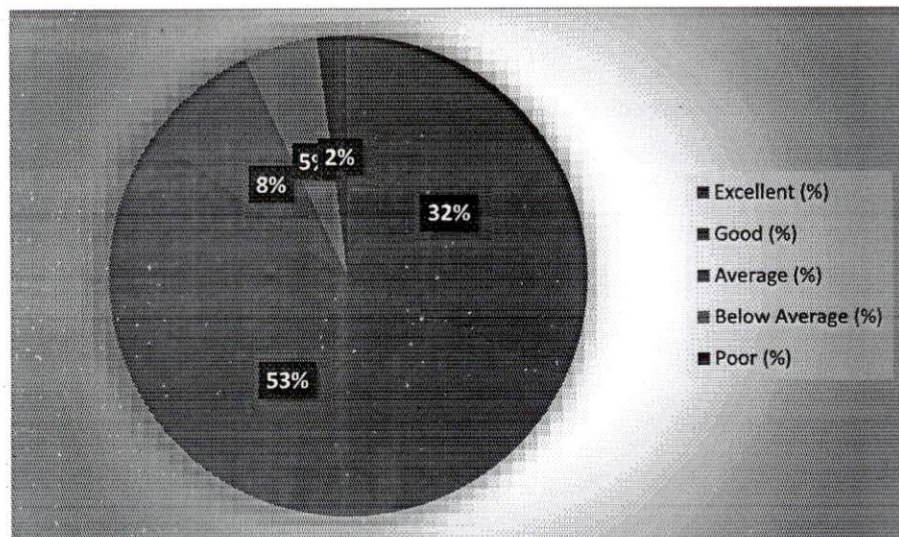
1. Curriculum is contemporary and need based



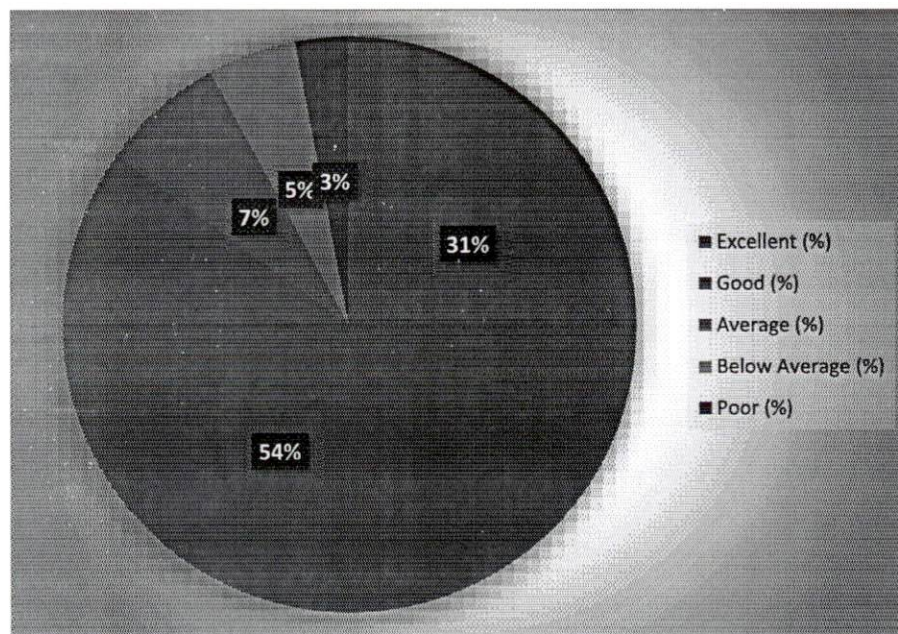
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



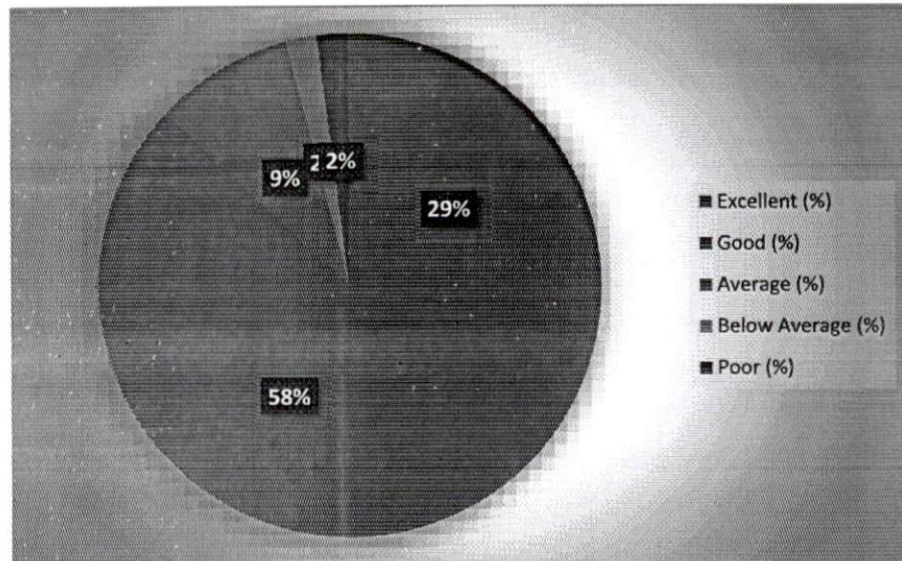
3. Curriculum has good balance of Theory and Practical courses.



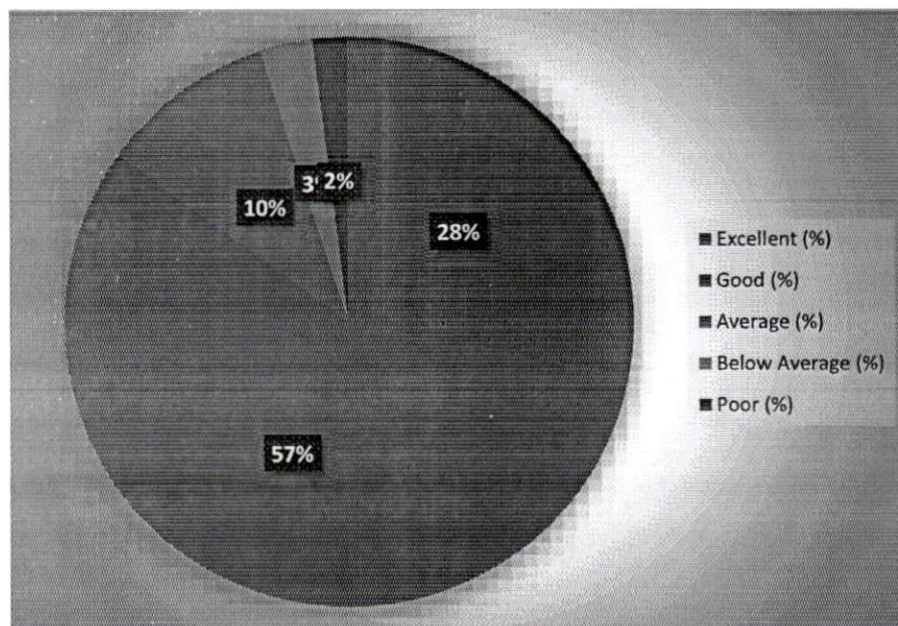
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



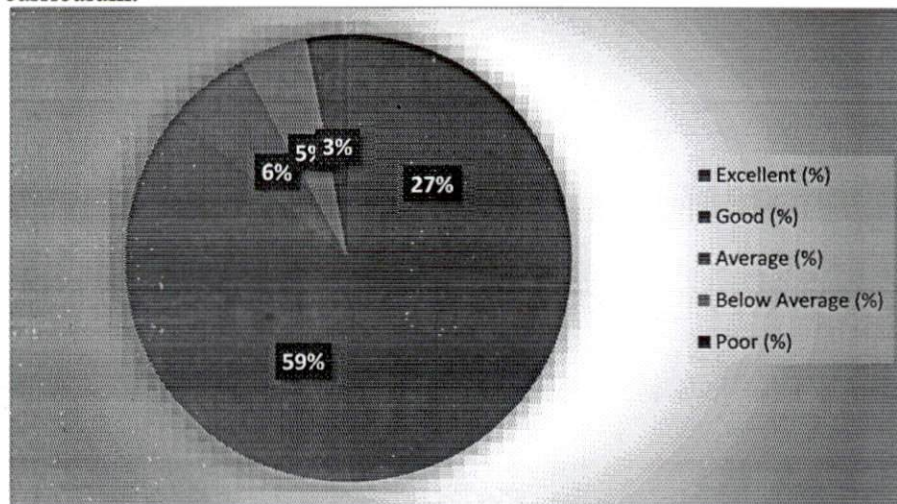
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



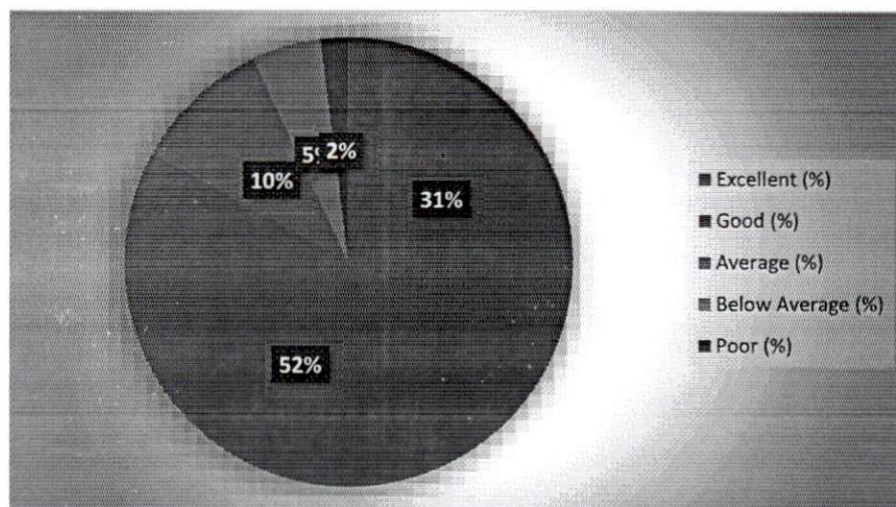
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



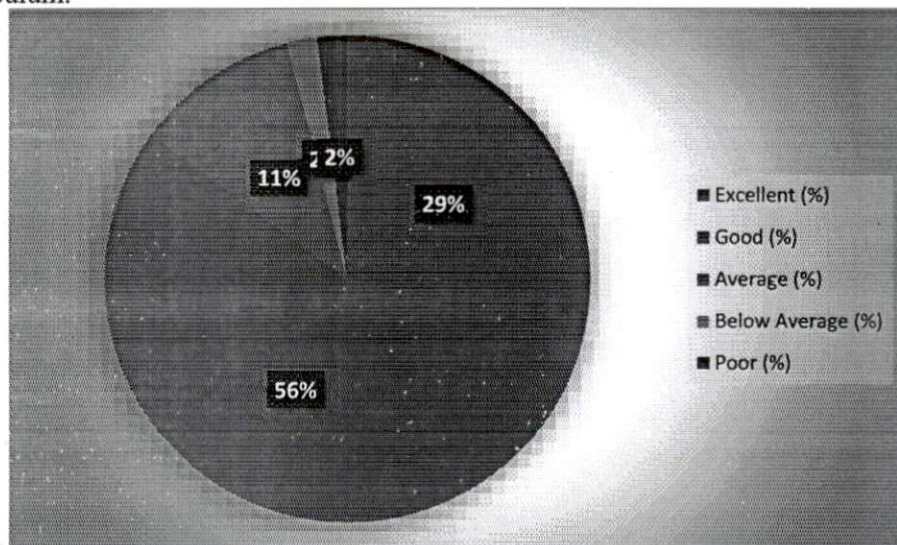
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



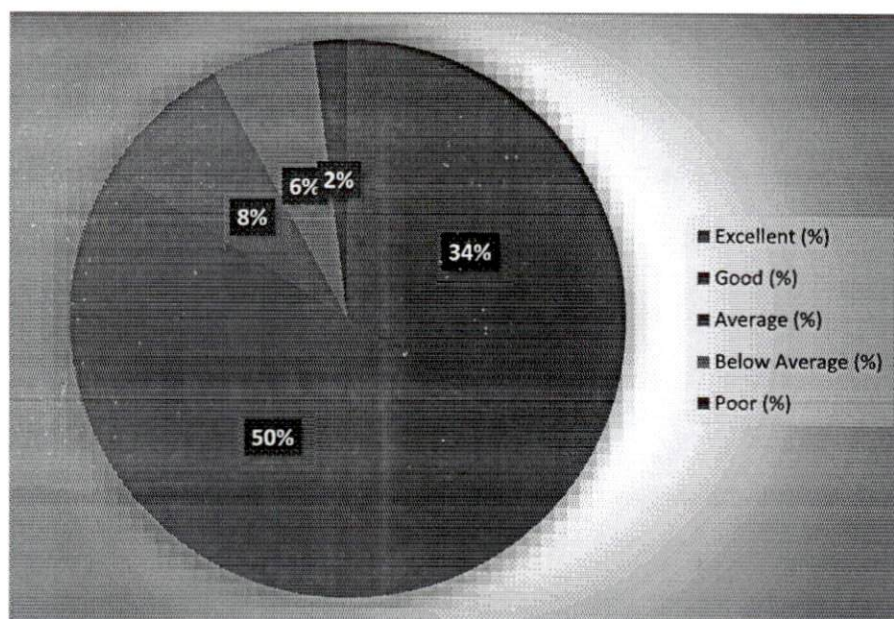
8. There is adequate emphasis on Communication Skills in the Curriculum.



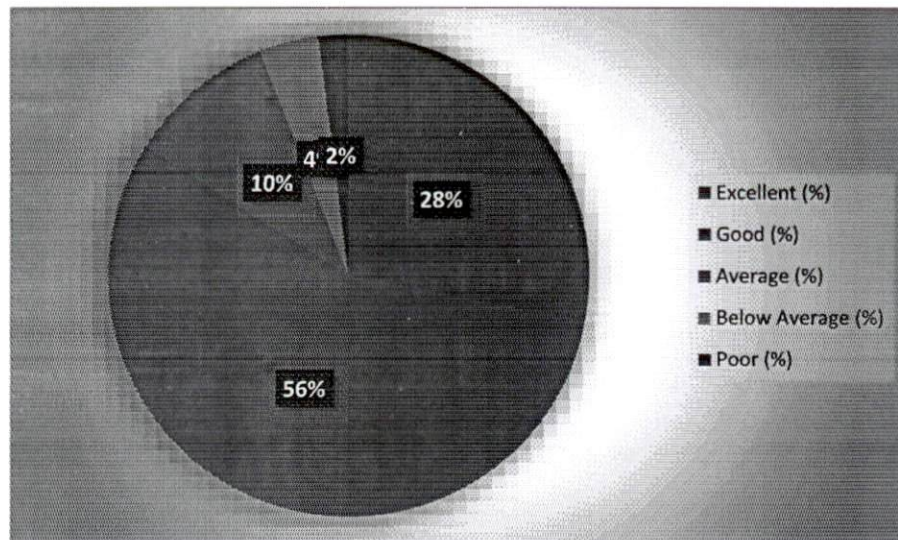
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



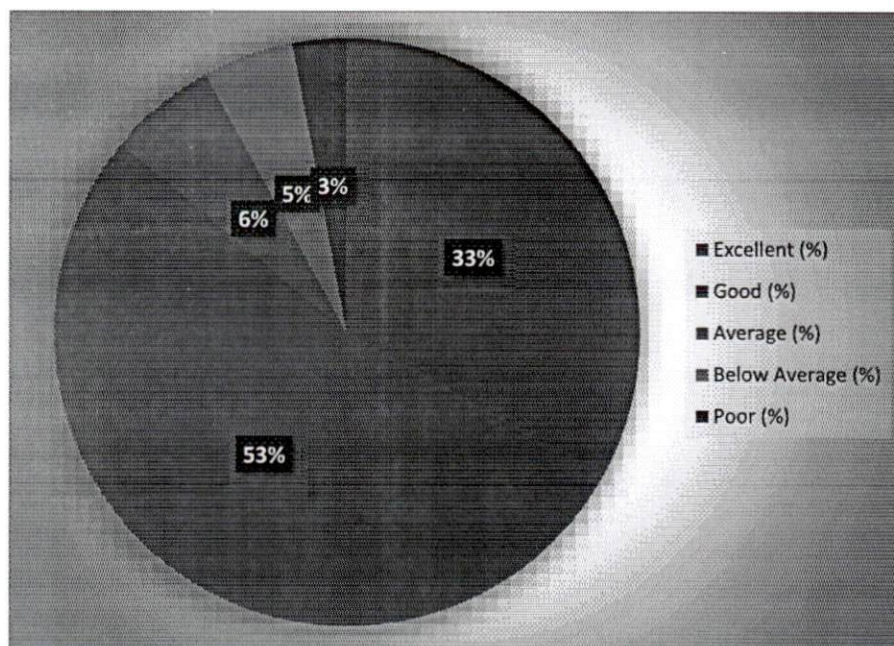
10. The curriculum has sufficient number of electives.



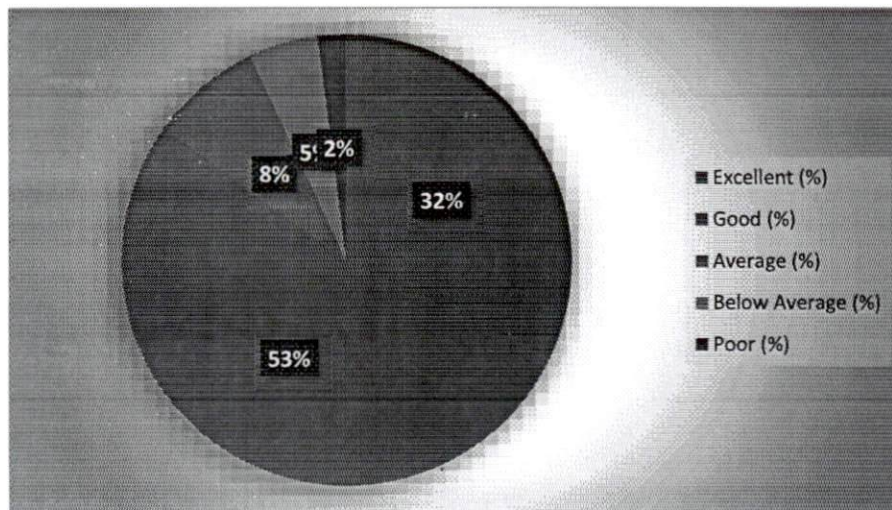
11. The electives offered in the curriculum suits the industry needs and technological advancements.



12. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



13. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.




Give suggestions for improving the Curriculum

1. The employability skills course needs more topics.
2. The modern courses related to the placement should be included in the curriculum
3. The new technology that are developed in the mining needs to add

The following are observations on Faculty feedback and action need to be initiated:

1. The courses which increase the placement of the student should be included in the curriculum.
2. The no of employability skills in the curriculum should be increased.
3. Apart from underground, surface mining, high wall mining, etc. Mining has also started in the sea and ocean which is very new technique in itself so it should be included in the Curriculum.


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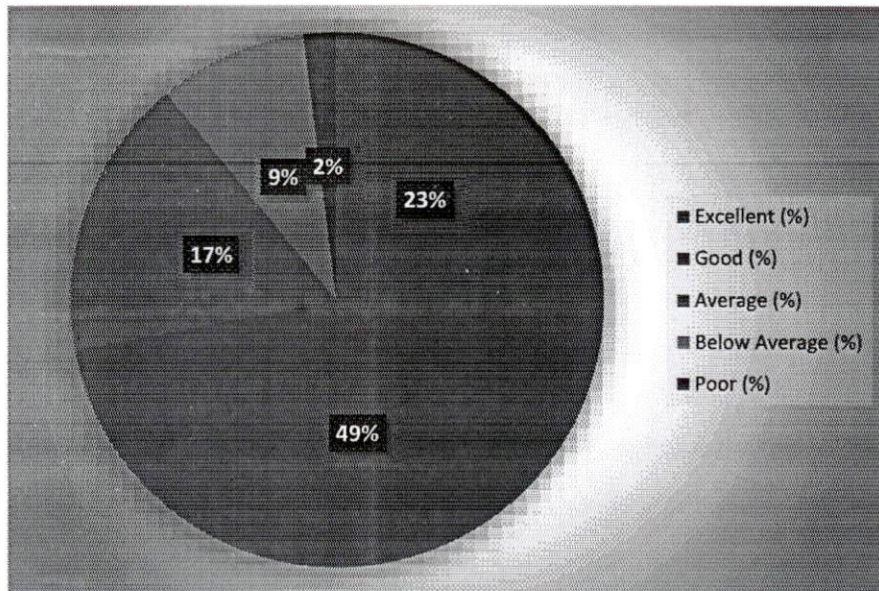
Student Feedback on Curriculum

Student Feedback Analysis (2018- 2019) for the B. Tech (Mining Engineering) Program.

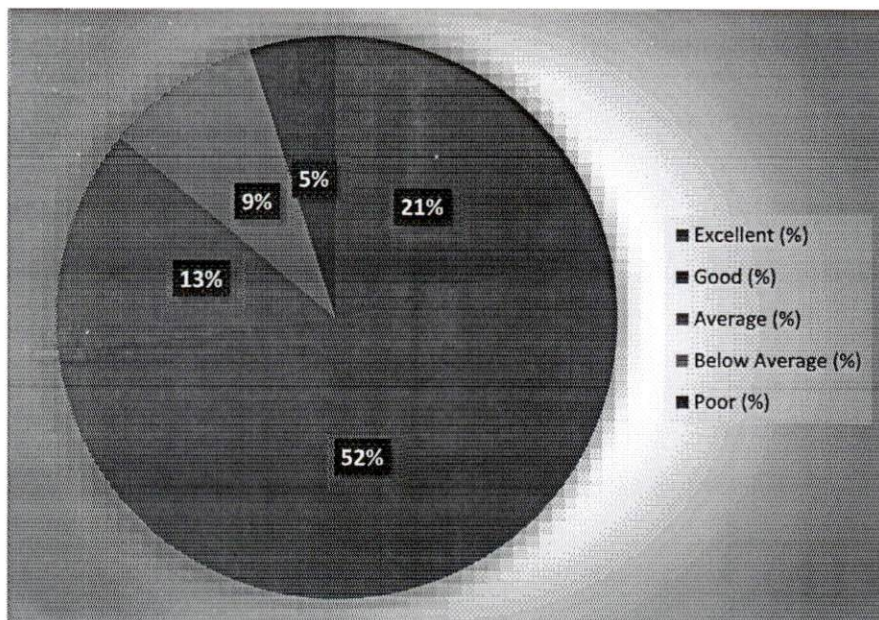
S. NO	Question related to Curriculum	Opinion of the Students with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	23	49	17	9	2	Excellent & good	72%
2	Curriculum has good balance of Theory and Practical courses	21	52	13	9	5	Excellent & good	73%
3	The curriculum has sufficient number of electives	23	52	12	9	4	Excellent & good	75%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	22	54	11	9	4	Excellent & good	76%
5	There is adequate emphasis on Communication Skills in the Curriculum.	21	54	12	10	3	Excellent & good	75%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	20	56	11	9	4	Excellent & good	76%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	24	49	13	9	5	Excellent & good	73%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	23	55	12	8	2	Excellent & good	78%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	20	55	14	8	3	Excellent & good	80%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	30	50	10	8	2	Excellent & good	75%

Graphical representation of Students feedback on curriculum

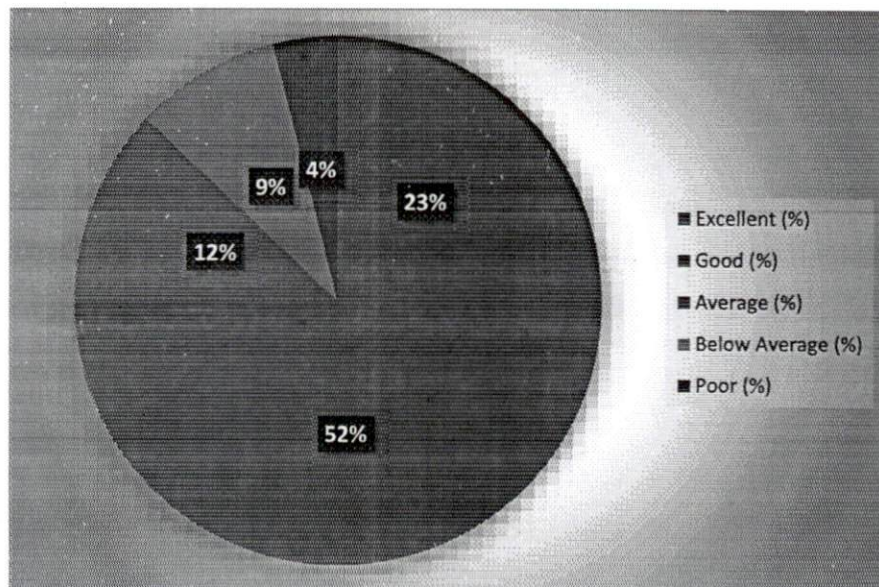
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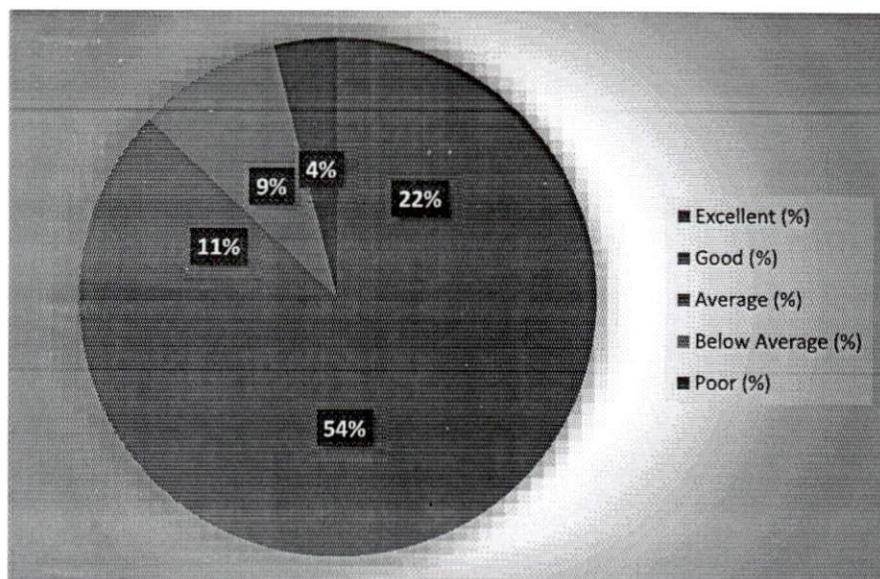
2. Curriculum has good balance of Theory and Practical courses.



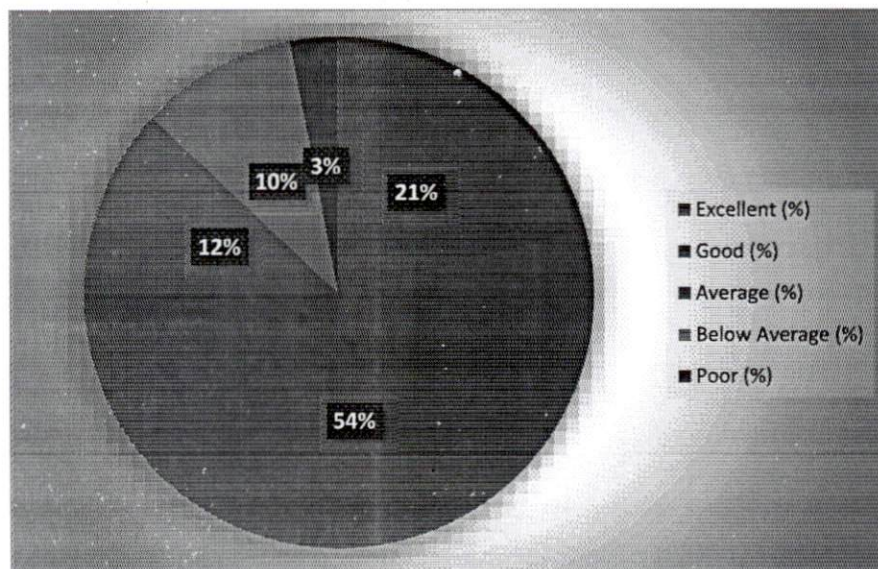
3. The curriculum has sufficient number of electives



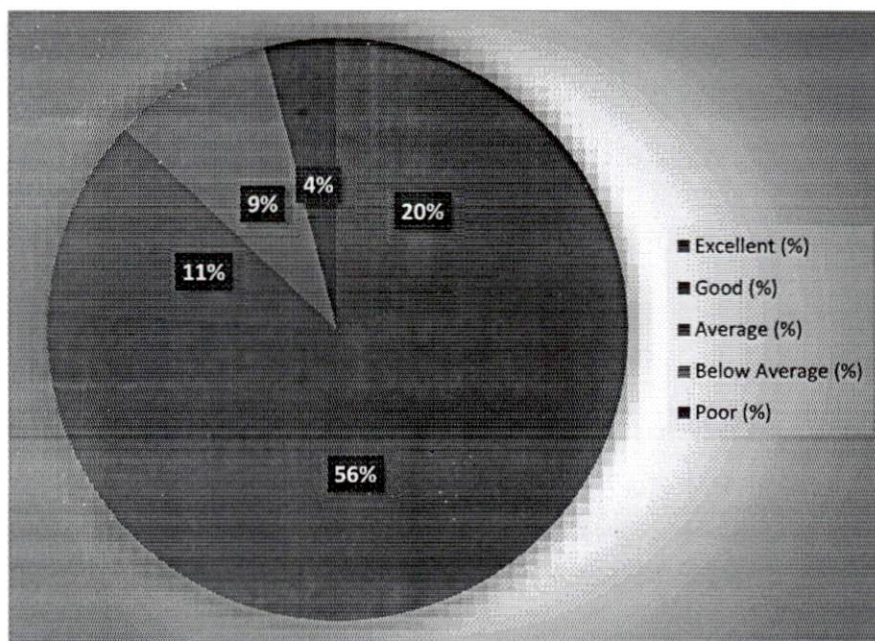
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



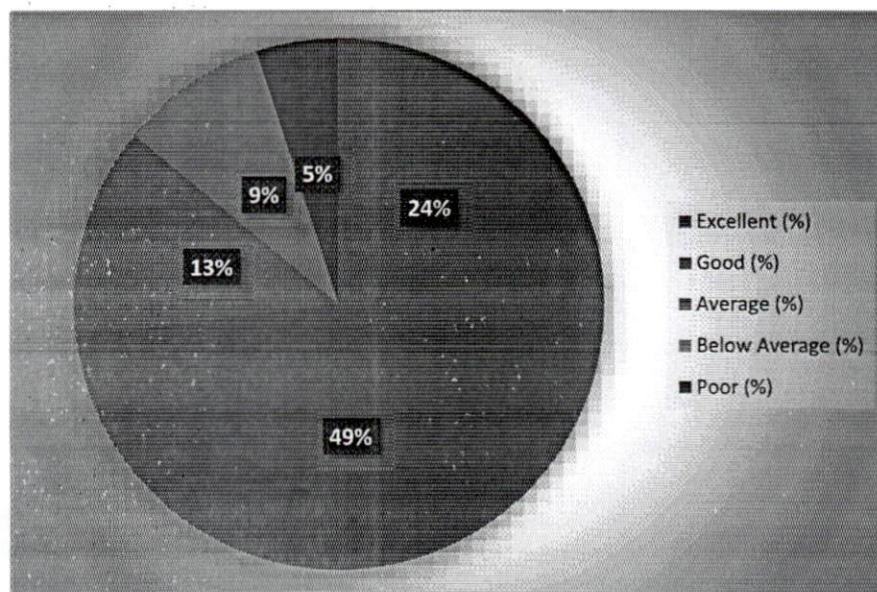
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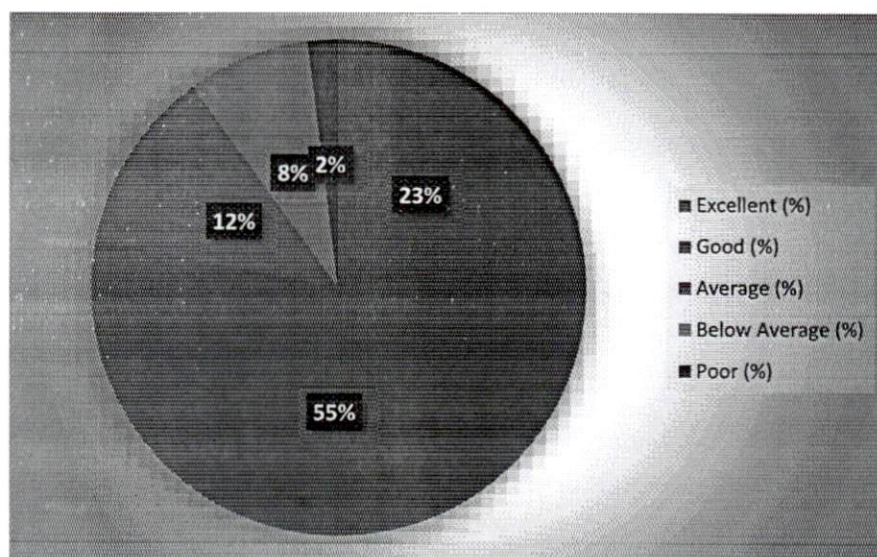
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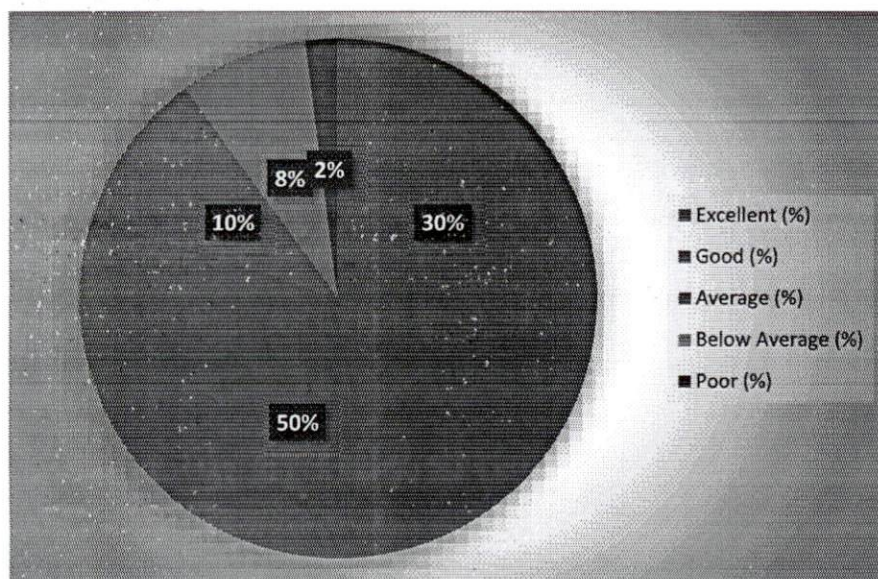
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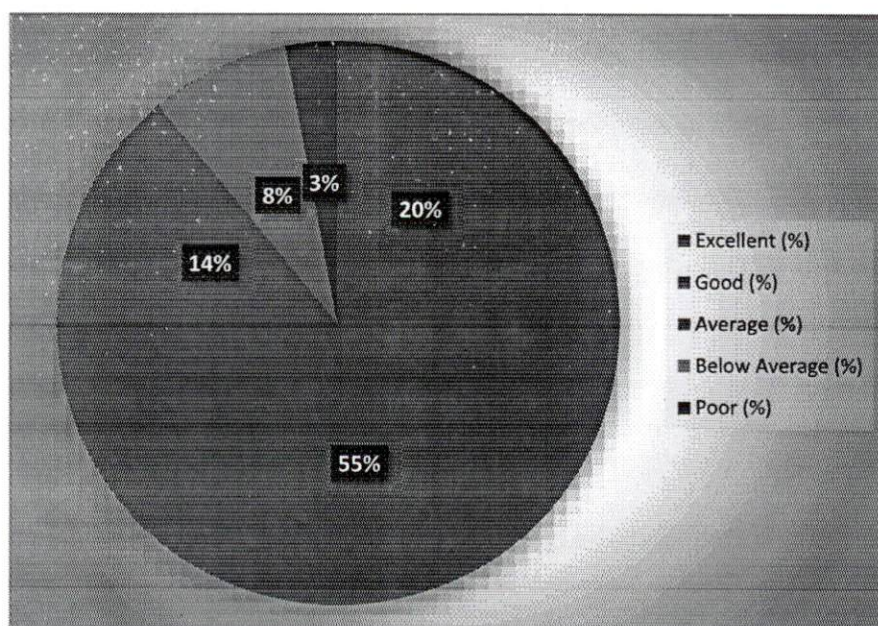
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



9. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



10. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.



Give your suggestions for improving the curriculum

1. The courses which help in GATE required to teach more elaborately.
2. The modern software used for mine planning need to be added.
3. More English proficiency labs required for improving communication.

The following are observations on Student feedback and action need to be initiated:

1. The MOOCs course should be included in the curriculum.
2. The students should be aware of latest computer application in the mining field
3. Students should be made ready for public speaking skills so that they can speak publicly fluently in mining related courses.



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